

Date: Tue, 1 Mar 94 04:30:36 PST
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V94 #44
To: Ham-Space

Today's Topics:

GPS information/schematics
Info on Phase 3D + AMSAT?
Portable Oscar 13 Station?

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 27 Feb 94 20:43:13 -0400
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!pipex!sun!psinntp!psinntp!wlnntp.psi.com!usenet@network.ucsd.edu
Subject: GPS information/schematics
To: ham-space@ucsd.edu

Hello netters,

I'm looking for information/schematics on how to make a GPS receiver. It must be fairly simple to make and cost around \$10.00 to build. :-) Seriously though, I'd like it to be reasonable in price. I want to build one to use for making maps for orienteering and also to track myself on excursions into the deep woods. There is nothing I can't handle in the digital world but the world of high frequency analog is kind of a mystery. Any help would be greatly appreciated.

Keith

|Keith A. Randino | "Those willing to trade their rights for
|E-Mail : p00926@psi.com | security will have neither." Ben Franklin

Date: Sat, 26 Feb 1994 15:53:19 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!halley!integrity!
bruces@network.ucsd.edu
Subject: Info on Phase 3D + AMSAT?
To: ham-space@ucsd.edu

I'm looking for any information that may be available via ftp on
AMSAT (specifically the new Phase 3D info, like frequencies,
capabilities, etc). Can some one tell me if this is available?

Thanks

--
| Bruce Sawtelle AX.25 : W3NJ @ N5LJF.TX.USA.NA |
| Tandem Computers, Inc. Internet : bruces @ mpd.tandem.com |
| 14231 Tandem Blvd. USENET : halley!bruces |
| Austin, Tx 78728 TCP/IP : 44.76.1.42 (w3nj.ampr.org) |

Date: Sun, 27 Feb 1994 21:25:56 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!pipex!sunic!psinntp!psinntp!arrl.org!zlau@network.ucsd.edu
Subject: Portable Oscar 13 Station?
To: ham-space@ucsd.edu

I've not been able to find much on portable Oscar 13
stations--ones that work well with little antennas
and low power. The QRP publications seem to focus
on the low earth orbit satellites.

I tried Mode S, 6 watts to a 5.5 ft boom 436 MHz
yagi and a 2 ft. dish with a 2.4 GHz feed, but
only made 6 contacts in 3 hours (1 hr/day).

Problem was, several stations had trouble hearing
my signal, even though it sounded fine to me.
I could sometimes hear myself clearly running
6 dB less power (1.5 watts).

Should I try Mode B or work on my 436 antenna?

I prefer small antennas I can stick in my car
without taking apart. Makes a big difference
when the weather changes for the worse....

--
Zack Lau KH6CP/1 2 way QRP WAS
 8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

End of Ham-Space Digest V94 #44
